

Text: *Elementary Differential Equations and Boundary Value Problems (Sixth Edition)*, by Boyce and DiPrima
 NOTE: In addition to these assignments from the text, there are other Homework Handout sheets and Review sheets covering either lecture material in more detail or a different point of view, or material not formally covered by lectures. The instructor for your section will assign due dates for each of the assignments. For the problems involving graphing, direction fields, etc, you may use the MatLab routines DFIELD5 and PPLANE5.

Sections	Problems
1.1	p 10: 1,2,8,11,17,20,27,33,35
2.1	p 23: 1,2,13,17,19,21,23
2.3	p 38: 1,7,9,11,15,22,28
2.4	p 41: 3,6,10,14ab HW 1 handout SEE REVIEW 1 PRACTICE QUESTIONS
2.2	p 30: 10,12,19,21,24,26
2.4	p 45: 1,2,4,9,14,15,18(a)(b)
2.5	p 54: 2,21,25,27
2.6	p 69: 3,10
3.1	p 128: 29,36
2.7	p 79: 6,15 HW 2 handout SEE REVIEW 2 PRACTICE QUESTIONS
2.8	p 88: 1,3,14,16
2.9	p 93: 1,2,5,7,12 HW 3 handout SEE REVIEW 3 PRACTICE QUESTIONS
3.1	p 128: 2,4,7,11,18,20
3.2	p 138: 1,2,3,8,9,11,14,24,25 Review 4a: Complex numbers review, HW5A handout
3.4	p 150: 14,15,17,18
4.1	p 206: 1,2,6,11,13,15
4.2	p 214: 11,22,31,35
3.5	p 159: 3,4,5,8,16,24,25
3.6	p 171: 1,2,3,4,13,15
4.3	p 219: 4,11,13,14,15,18 SEE REVIEW 4 PRACTICE QUESTIONS
3.7	p 177: 2,7,13
3.8	p 190: 2,7,13
3.9	p 198: 7,9 SEE REVIEW 5 PRACTICE QUESTIONS
6.1	p 294: 2,4,5(b),6,7 (Use definition in 5b,6.)
6.2	p 303: 1,3,4,6,7,11,13,15
6.3	p 311: 2,3,7,10,14,15,16
6.4	p 318: 1,4,6,8
6.5	p 324: 1,3,10,11
6.6	p 330: 4,6,9,11,12,14 SEE REVIEW 6 PRACTICE QUESTIONS
7.1	p 340: 1,2
7.3	p 364: 15,16,17,20 (2x2 case only) HW 6 handout
7.5	p 378: 1,2,3,7,9
7.6	p 387: 1,2,5,10
7.7	p 396: 1,2,9,10
7.9	p 411: 1,4,5,7 HW 7 handout SEE REVIEW 7 PRACTICE QUESTIONS SEE FINAL EXAM PRACTICE PROBLEMS